

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-238741

(43)Date of publication of application : 16.09.1997

(51)Int.Cl.

A45D 34/04

(21)Application number : 08-049147

(71)Applicant : SHISEIDO CO LTD

(22)Date of filing : 06.03.1996

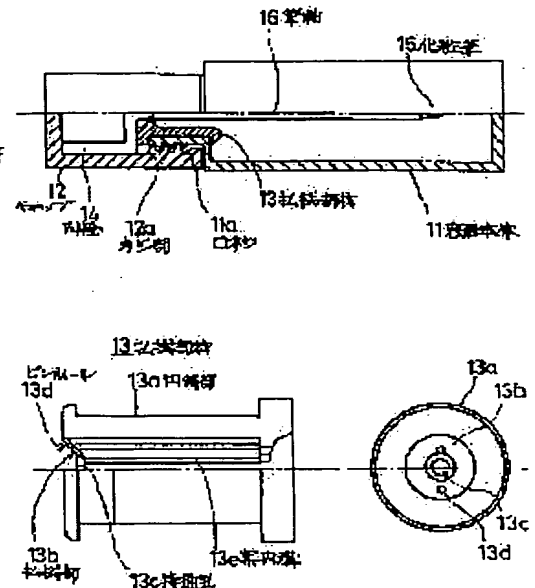
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## (54) APPLICATOR FOR MAKE-UP

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To smoothly return cosmetics stuck on the sweeping member of an applicator for make-up into the main body of a case and to prevent a brush rod from jumping out by increasing pressure inside the case when inserting a make-up pen.

**SOLUTION:** A sweeping member 13 for sweeping away the excessive cosmetics stuck on a make-up brush 15 fitted to a cap 12 is fitted near the opening part of a main body 11 of case. A longitudinally linear guide groove 13e for guiding cosmetics is formed on the inner wall of a cylindrical part 13a of the sweeping member 13, and a pin hole 13d is formed at the sweeping part 13b. Since the inside and outside of the case are communicated by the pin hole 13d, as a result, the brush rod is prevented from jumping out by increasing the inner pressure of the case when inserting the make-up brush.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11) 特許出願公開番号

特開平9-238741

(43) 公開日 平成9年(1997)9月16日

(51) Int.Cl. <sup>8</sup>	識別記号	庁内整理番号	F I	技術表示箇所
A 4 5 D 34/04	5 1 5		A 4 5 D 34/04	5 1 5 C

審査請求 未請求 請求項の数 2 O L (全 4 頁)

(21) 出願番号 特願平8-49147

(22) 出願日 平成8年(1996)3月6日

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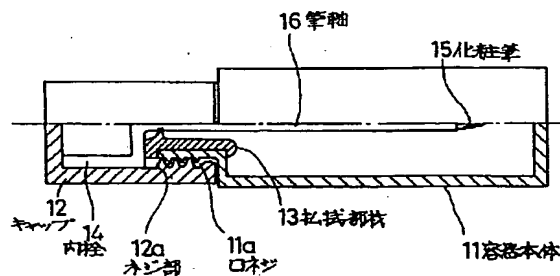
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(54) 【発明の名称】 化粧用塗布具

(57) 【要約】

【課題】 化粧用塗布具の払拭部材に付着した化粧料を容器本体内にスムーズに戻すと共に化粧筆の挿入時に容器内部の圧力が増加して筆軸が飛び出すことを防止する。

【解決手段】 容器本体11の口部近傍には、キャップ12に取付けられた化粧筆15に付着した余分の化粧料を扱いて落とす払拭部材13が取付けられている。払拭部材13の円筒部13aの内壁には化粧料を案内する縦線状の案内溝13eが形成され、また、払拭部13bには、ピンホール13dが設けられてる。ピンホール13dによって、容器の内外が連通される結果、化粧筆の挿入時に容器の内圧が増加して筆軸が飛び出すことが防止される。



## 【特許請求の範囲】

【請求項1】化粧料を収納する容器本体と、先端に塗布体が取付けられた軸を有するキャップと、前記容器本体の口部に装着される払拭部材と、からなる化粧用塗布具において、前記払拭部材は、円筒部と該円筒部の一端に設けられ軸挿通孔が形成された払拭部を有し、前記円筒部の内壁には縦方向に沿って化粧料を案内する縦線状の案内溝が形成されていることを特徴とする化粧用塗布具。

【請求項2】払拭部にピンホールが設けられていることを特徴とする請求項1記載の化粧用塗布具。

## 【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明は化粧用塗布具に関し、特に、マスカラ、アイライナー等の化粧用筆や刷毛等の塗布体を備える化粧用塗布具に関する。

【0002】

【従来の技術】マスカラやアイライナー等、化粧筆や刷毛を使用して塗布する化粧料用の塗布具は、従来より、化粧料を収納する容器本体と、化粧筆あるいは刷毛等の塗布体を備えるキャップ体から成るものが使用されている。

【0003】図3は従来の一般的なアイライナー用の化粧用塗布具を示すものである。化粧用塗布具1は、アイライナー化粧料（図示せず）を収納する容器本体2と、この容器本体のキャップ4からなる。キャップ4には先端部に化粧料を塗布するための化粧筆6を有する軸5が固定されており、キャップ4を装着したとき、化粧筆6は容器内部に挿入されるようになっている。容器本体2の口部には、キャップ4を取り外して化粧料が付着した化粧筆6を外部に取り出す際、化粧筆6に付着している余分な化粧料をしごいて落とす払拭部材3が装着されている。

【0004】

【発明が解決しようとする課題】上記構造の化粧用塗布具にあっては、払拭部材3は、軸5に付着した化粧料をしごき落とすため、軸5を締め付けるように密着されている。したがって、キャップ4を容器本体2より取り外すときは、払拭部材3により化粧料はしごき落とされるが、使用後、キャップ4を装着する際にも、化粧筆6は払拭部材3によりしごき落とされて、払拭部材3の容器口部側にも化粧料が付着した状態となる。払拭部材3の容器口部側に化粧料が付着した状態で、その後使用する場合、キャップ4を外して化粧筆6を取り出す際、軸5に払拭部材に付着していた化粧料が付着して、化粧時に手その他不必要な部分を汚すこととなる。

【0005】また、軸5は払拭部材3により締め付けられるように摺動するため、化粧筆6を挿入する際、軸5の体積の増加分だけ、容器の内圧が増加して、手を離すと軸5が飛び出すことがあり、衣類や手を汚す可能性が

あるといった欠点があった。本発明は、上記問題点に鑑みなされたもので、容器口に設けられている払拭部材の外側に余分な化粧料が付着することを防止すると共に、キャップの装着時に容器内部の内圧が増加してキャップに取付けられている軸が飛び出すようなことがないようにした化粧用塗布具を提供するものである。

【0006】

【課題を解決するための手段】本願の請求項1の発明による化粧用塗布具は、化粧料を収納する容器本体と、先端に塗布体が取付けられた軸を有するキャップと、前記容器本体の口部に装着される払拭部材と、からなる化粧用塗布具において、前記払拭部材は、円筒部と該円筒部の一端に設けられた軸挿通孔が形成された払拭部を有し、前記円筒部の内壁には縦方向に沿って化粧料を案内する縦線状の案内溝が形成されていることを特徴とする。

【0007】本発明による化粧用塗布具によれば、キャップを取り外して塗布体を引き抜く際、塗布体は払拭部材の払拭部によりしごき落とされ、案内溝が形成された円筒部内壁をつたわって容器内部に戻される。また、本願の請求項2の発明による化粧用塗布具は、前記請求項1の発明において、払拭部材の払拭部にピンホールを設けたことを特徴とする。

【0008】塗布体を容器内部に挿入する際に、払拭部により擦り落とされた化粧料は、ピンホールを通して容器内部に戻され、払拭部材の容器口側に化粧料が残留することがなくなる。案内溝が形成された円筒部内壁には化粧料が残留することがなく、ピンホールが化粧料によって閉塞することを防ぐことができる。

【0009】また、払拭部にはピンホールが形成されているため、塗布体を容器内に戻すとき、容器内部の圧力は払拭部のピンホールにより逃がされて容器の内圧が上昇して塗布体の軸が飛び出ることが防止できる。

【0010】

【発明の実施の形態】以下に、本発明を図面に示した実施例により説明する。図1及び図2は、本発明をアイライナー用の化粧用塗布具に適用した例を示す。

【0011】アイライナー用の化粧用塗布具10は、アイライナー化粧料（図示せず）を収容する容器本体11と、キャップ12から成る。容器本体11の口部にはキャップ12のネジ部12aが螺合される口ネジ11aが形成されている。キャップ12の内部には塗布体である化粧筆15を取付けるための筆軸16が一体的に形成された内栓14が取付けられ、筆軸の先端には化粧筆15が取付けられている。容器本体の口部近傍には、化粧筆に付着している化粧料を擦り落とす払拭部材13が装着されている。図3に、払拭部材13の詳細を示す。

【0012】払拭部材13は、エラストマーを材料として一体成形され、内部に中空通路を有する全体として略円筒の形状をなした円筒部13aから成るもので、容器

本体11の口部に固定される。円筒部13aの一端の内部には化粧筆15に付着している化粧料をしごき落とすための鐳状の払拭部13bが形成されている。払拭部13bの中心には化粧筆および筆軸が挿通する挿通孔13cを有すると共に、容器本体11の内外を連通するピンホール13dが複数設けられている。

【0013】また、円筒部13aの内壁には、化粧料を下方に案内するための縦線状の案内溝eが形成されている。尚、払拭部材13は払拭部13bが容器口部側に位置するように容器本体11に取付けらるものである。

【0014】次に、上記構造の化粧用塗布具の使用に当たっては、キャップ12をネジを外して取外し、容器本体11の内部の化粧料（図示せず）に浸漬している化粧筆15を引き抜く。この時、化粧筆15に付着している余分の化粧料は、払拭部材13の挿通孔13cを通過する際、払拭部13bによりしごかれて擦り落とされ、容器内部に戻される。

【0015】化粧筆15の使用後は、化粧筆15を容器本体11の内部に挿入してキャップ12を装着するが、この際にも、化粧筆15が払拭部材13の挿通孔13cを通過する際、化粧筆15に付着している化粧料は払拭部13bによってしごかれるように擦り落とされて、払拭部13bの容器本体の口部側である上方に溜まる。

【0016】払拭部13bの上方に擦り落とされた化粧料は、ピンホール13dを通過して下方の容器本体側に流れる。ピンホール13dを通った化粧料は円筒部13aの内壁に形成されている案内溝13eに案内されて下方にスムーズに流下して容器本体11の内部に戻る。これにより、円筒部13aの内壁に化粧料が残留することがなく、ピンホール13dが閉塞することが回避される。

【0017】ピンホール13dは、また、容器本体の11の内外を連通するため、化粧筆15を内部に挿入する際に、筆軸16の内部への挿入に伴って増加する内圧がピンホール13dによって逃がされることになる結果、内圧が増加することを防ぐことができる。従って、化粧筆15を挿入する際、内圧増加によって、筆軸16が上\*

\*方に飛び出すようなことはなくなる。

【0018】上記実施例は、アイライナー用の化粧用塗布具に関するものであるが、本発明はこれに限るものでなく、例えば、マスカラのような、化粧料塗布用の刷毛やスポンジ等の塗布体を有する化粧用塗布具にも適用できることは明らかである。

【0019】

【発明の効果】上述の如く、本願請求項1の発明によれば、払拭部材の円筒部内壁に縦線状の案内溝を形成したことにより、払拭部材に付着した化粧料をスムーズに容器本体内部の化粧料収納部に戻すことができる。

【0020】また、請求項2の発明によれば、塗布体を容器本体内に挿入する際に、容器内部の圧力増加によって、軸が飛び出すことを防止することができ、使用に際して手や衣服等を汚すことを防止することができる。また、化粧用塗布具を容器内の戻す際に払拭部材の容器口側に溜まった化粧料がピンホールを通過して容器内部に戻るとき、化粧料が案内溝に案内されてスムーズに流れるため、ピンホールが詰まるのが防止できる。。

【図面の簡単な説明】

【図1】本発明の実施例に係る化粧用塗布具の断面構造図である。

【図2】本発明による払拭部材を示す図で、(a)は部分断面図、(b)は正面図を示す図である。

【図3】従来の化粧用塗布具を示す図である。

【符号の説明】

10 化粧用塗布具

11 容器本体

12 キャップ

13 払拭部材

14 内栓

15 化粧筆

13a 円筒部

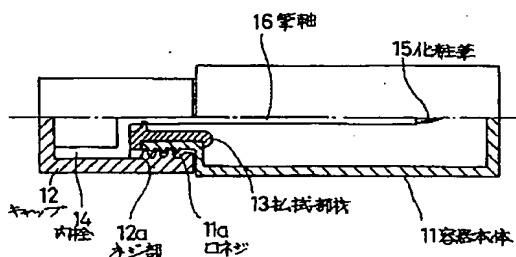
13b 払拭部

13c 挿通孔

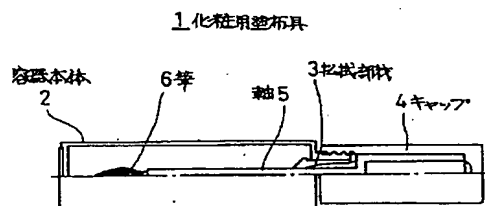
13d ピンホール

13e 案内溝

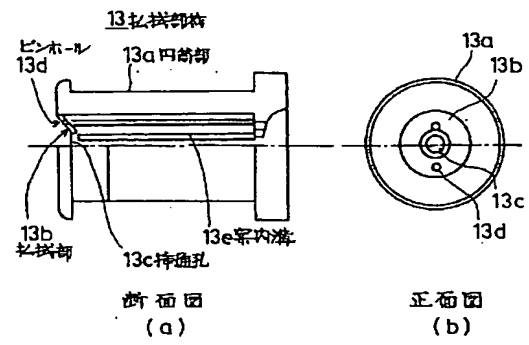
【図1】



【図3】



【図2】



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CLAIMS

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[Claim(s)]

[Claim 1] In the becoming applicator for makeup the body of a container which contains cosmetics, the cap which has the shaft with which the spreading object was attached at the tip, and the eradication member with which the regio oralis of said body of a container is equipped — since — Said eradication member is applicator for makeup which has the eradication section in which it was prepared in the end of a body and this body, and the axial insertion hole was formed, and is characterized by forming in the wall of said body the guide rail of the shape of a vertical line to which it shows cosmetics along a lengthwise direction.

[Claim 2] Applicator for makeup according to claim 1 characterized by establishing the pinhole in the eradication section.

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## DETAILED DESCRIPTION

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### [Detailed Description of the Invention]

[0001]

[Field of the Invention] Especially this invention relates to the applicator for makeup equipped with spreading objects, such as brushes for makeup, such as mascara and an eyeliner, and a brush, about the applicator for makeup.

[0002]

[Description of the Prior Art] As for the applicator for cosmetics applied using makeup brushes, such as mascara and an eyeliner, or the brush, what consists of a cap object equipped with the body of a container which contains cosmetics, and spreading objects, such as a makeup brush or a brush, is used conventionally.

[0003] Drawing 3 shows the conventional general applicator for makeup for eyeliners. The applicator 1 for makeup consists of cap 4 of the body 2 of a container which contains eyeliner cosmetics (not shown), and this body of a container. The shaft 5 which has the makeup brush 6 for applying cosmetics to a point is being fixed to the cap 4, and when it equips with cap 4, the makeup brush 6 is inserted in the interior of a container. The regio oralis of the body 2 of a container is equipped with the eradication member 3 on which the excessive cosmetics adhering to the makeup brush 6 are drawn through and dropped in case the makeup brush 6 to which the cap 4 was removed and cosmetics adhered is taken out outside.

[0004]

[Problem(s) to be Solved by the Invention] If it is in the applicator for makeup of the above-mentioned structure, the eradication member 3 is stuck so that a shaft 5 may be bound tight, in order to fail to draw the cosmetics adhering to a shaft 5 through. Therefore, also in case it equips with cap 4 after use although cosmetics fail to be drawn through by the eradication member 3 when removing cap 4 from the body 2 of a container, the makeup brush 6 will be in the condition that it was failed to draw the eradication member 3 through and cosmetics adhered also to the container regio-oralis side of the eradication member 3. In case cap 4 is removed and the makeup brush 6 is taken out when using it after that after cosmetics have adhered to the container opening side of the eradication member 3, the cosmetics adhering to an eradication member will adhere to a shaft 5, and a hand and other unnecessary parts will be soiled at the time of makeup.

[0005] Moreover, when it inserted the makeup brush 6, the shaft 5 had the fault that a shaft 5 might jump out and it might soil clothing and a hand if the internal pressure of a container increases and only the increment of the volume of a shaft 5 lifts a hand, in order to slide so that it may be bound tight by the eradication member 3. This invention was made in view of the above-mentioned trouble, and it offers applicator for makeup of which it was made for the shaft which the internal pressure inside a container increases at the time of wearing of a cap, and is attached in the cap not to jump out while it prevents that excessive cosmetics adhere to the outside of an eradication member established in container opening.

[0006]

[Means for Solving the Problem] The applicator for makeup by invention of claim 1 of this application In the becoming applicator for makeup the body of a container which contains cosmetics, the cap which has the shaft with which the spreading object was attached at the tip, and the eradication member with which the regio oralis of said body of a container is equipped -- since -- Said eradication member has the eradication section in which the axial insertion hole prepared in the end of a body and this body was formed, and is characterized by forming in the wall of said body the guide rail of the shape of a vertical line to which it shows cosmetics along a lengthwise direction.

[0007] In case according to the applicator for makeup by this invention a cap is removed and a spreading object is drawn out, the cylinder circles wall with which it was failed to draw the eradication section of an eradication member through, and the guide rail was formed is returned to a spreading object inside a container as \*\*\*\*\*. Moreover, the applicator for makeup by invention of claim 2 of this application is characterized by establishing a pinhole in the eradication section of an eradication member in invention of said claim 1.

[0008] In case a spreading object is inserted in the interior of a container, the cosmetics rubbed by the eradication section off are returned to the interior of a container through a pinhole, and it is lost that cosmetics remain of them to the container opening side of an eradication member. It can prevent cosmetics' not remaining in the cylinder circles wall in which the guide rail was formed, and a pinhole blocking by cosmetics.

[0009] Moreover, since the pinhole is formed in the eradication section, when returning a spreading object in a container, it can prevent that the pressure inside a container is missed by the pinhole of the eradication section, the internal pressure of a container rises, and the shaft of a spreading object jumps out.

[0010]

[Embodiment of the Invention] Below, the example which showed this invention to the drawing explains. Drawing 1 and drawing 2 show the example which applied this invention to the applicator for makeup for eyeliners.

[0011] The applicator 10 for makeup for eyeliners consists of the body 11 of a container which holds eyeliner cosmetics (not shown), and cap 12. Opening screw 11a in which screw section 12a of cap 12 is screwed is formed in the regio oralis of the body 11 of a container. The inner plug 14 with which the brush handle 16 for attaching in the interior of cap 12 the makeup brush 15 which is a spreading object was formed in one is attached, and the makeup brush 15 is attached at the tip of a brush handle. It is equipped with the eradication member 13 which rubs the cosmetics adhering to a makeup brush off near the regio oralis of the

body of a container. The detail of the eradication member 13 is shown in drawing 3 .

[0012] The eradication member 13 is really fabricated by being made from an elastomer, consists of body 13a which has a hollow path inside and which made the configuration of an approximate circle cylinder as a whole, and is fixed to the regio oralis of the body 11 of a container. the collar for failing to draw the cosmetics adhering to the makeup brush 15 through inside the end of body 13a -- eradication section 13b of a \*\* is formed. While having insertion hole 13c which a makeup brush and a brush handle insert in the core of eradication section 13b, two or more pinhole 13d which opens the inside and outside of the body 11 of a container for free passage is prepared.

[0013] Moreover, the guide rail e of the shape of a vertical line for guiding cosmetics caudad is formed in the wall of body 13a. in addition, the eradication members 13 are anchoring \*\* at the body 11 of a container, as eradication section 13b is located in a container regio-oralis side.

[0014] Next, in use of the applicator for makeup of the above-mentioned structure, a screw is removed, cap 12 is demounted and the makeup brush 15 immersed in the cosmetics inside the body 11 of a container (not shown) is drawn out. In case the excessive cosmetics which have adhered to the makeup brush 15 at this time pass insertion hole 13c of the eradication member 13, they are drawn through by eradication section 13b, are rubbed off, and are returned to the interior of a container.

[0015] Although the makeup brush 15 is inserted in the interior of the body 11 of a container and it equips with cap 12 after use of the makeup brush 15, in case the makeup brush 15 passes insertion hole 13c of the eradication member 13 also in this case, the cosmetics adhering to the makeup brush 15 are rubbed off so that it may be drawn through by eradication section 13b, and the upper part which is the regio-oralis side of the body of a container of eradication section 13b is covered with them.

[0016] The cosmetics rubbed off above eradication section 13b flow to the downward body side of a container through pinhole 13d. The cosmetics which passed along pinhole 13d are guided at guide rail 13e currently formed in the wall of body 13a, flow down smoothly caudad, and return to the interior of the body 11 of a container. It is avoided that cosmetics do not remain to the wall of body 13a, and pinhole 13d blockades by this.

[0017] Pinhole 13d, as a result of the internal pressure which increases with insertion to the interior of a brush handle 16 being missed by pinhole 13d again in case the makeup brush 15 is inserted in the interior in order to open the inside and outside of 11 of the body of a container for free passage, it can prevent internal pressure increasing. Therefore, in case the makeup brush 15 is inserted, it is lost by the increment in internal pressure that a brush handle 16 jumps out up.

[0018] Although the above-mentioned example is related with the applicator for makeup for eyeliners, it is clear that it is applicable also to the applicator for makeup which does not restrict this invention to this and has spreading objects, such as a brush for cosmetics spreading like mascara and sponge.

[0019]

[Effect of the Invention] According to invention of this application claim 1, like \*\*\*\*, the cosmetics adhering to an eradication member can be smoothly returned to the cosmetics stowage inside the body of a container by having formed the vertical-line-like guide rail in the cylinder circles wall of an eradication member.

[0020] Moreover, according to invention of claim 2, in case a spreading object is inserted into the body of a container, it can prevent that a shaft jumps out by the pressure build-up inside a container, and can prevent soiling a hand, clothes, etc. on the occasion of use. Moreover, since cosmetics are guided at a guide rail and flow smoothly when cosmetics collected on the container opening side of an eradication member return to the interior of a container through a pinhole, in case the applicator for makeup is returned in a container, \*\* with which a pinhole is got blocked can be prevented. .

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[Translation done.]



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3. In the drawings, any words are not translated.

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DESCRIPTION OF DRAWINGS

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[Brief Description of the Drawings]

[Drawing 1] It is cross-section structural drawing of the applicator for makeup concerning the example of this invention.

[Drawing 2] It is drawing showing the eradication member by this invention, and is drawing in which (a) shows a fragmentary sectional view and (b) shows a front view.

[Drawing 3] It is drawing showing the conventional applicator for makeup.

[Description of Notations]

10 Applicator for Makeup

11 Body of Container

12 Cap

13 Eradication Member

14 Inner Plug

15 Makeup Brush

13a Body

13b Eradication section

13c Insertion hole

13d Pinhole

13e Guide rail

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[Translation done.]

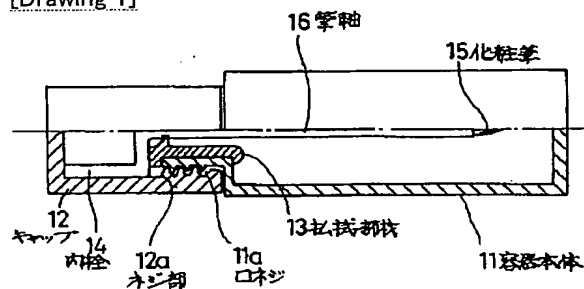
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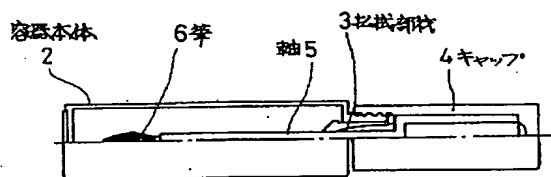
DRAWINGS

[Drawing 1]

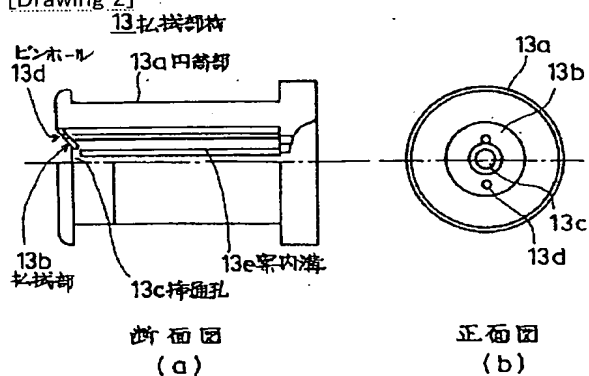


[Drawing 3]

1 化粧用塗布具



[Drawing 2]



[Translation done.]